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Applicants: Leonid A. Turkevich et al. K-C Docket No.: 12161.2  
Serial No.: 09/267,973 Group: 1774  
Filed: March 12, 1999 Examiner: Jill M. Gray  
For: FERROELECTRIC FIBERS AND APPLICATIONS THEREFOR

**Response and Amendment**

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**Claims Listing**

9. The face mask of claim 50 wherein said thermoplastic polymer fibers comprise multicomponent fibers having two or more components, each of which is comprised of a thermoplastic polymer,

wherein at least one component is comprised of a thermoplastic polymer; and

wherein ferroelectric material is dispersed within at least one of said components forming said multicomponent fibers at a level of from about 0.01 to about 50 percent by weight of the fiber.

12. The face mask of Claim 9, in which the particles of the ferroelectric material have a longest dimension in a range of from about 10 nanometers to about 10 micrometers.

13. The face mask of Claim 9, in which the ferroelectric material is selected from the group consisting of perovskites, tungsten bronzes, bismuth oxide layered materials, and pyrochlores.

14. The face mask of Claim 13, in which the ferroelectric material is barium titanate.

15. The face mask of Claim 9, in which the multicomponent fiber is a bicomponent spunbond fiber.